

## Comparison of Mercury Collected by Municipal Waste Combustors -- Calendar Year 2006

Company	Initiatives	Reported Results*
<b>Covanta Haverhill</b> Serves 14 municipalities  Estimates from CY05: Population: 305,760 Households: 110,458	<ul style="list-style-type: none"> <li>• Mercury collection – routes and events</li> <li>• Thermometer exchange</li> <li>• Municipal reimbursement</li> <li>• Thermostat collections via tradesmen including bounty</li> <li>• School cleanouts</li> </ul>	<ul style="list-style-type: none"> <li>• 186,363 linear ft of fluorescent light tubes</li> <li>• 5,389 other lamps</li> <li>• 899 thermometers</li> <li>• 60 lab thermometers</li> <li>• 14 blood pressure cuffs</li> <li>• 968 thermostats</li> <li>• 24 electrical switches</li> <li>• 3.3 pounds, other devices</li> <li>• Elemental mercury – 89.9 lbs (80.8% of total)</li> </ul> 111.2 pounds of mercury collected

\* Amounts reported by Municipal Waste Combustors to MassDEP through the annual reporting process for Material Separation Plan 3

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Company	Initiatives	Reported Results*
<b>Covanta of SEMASS</b> Serves 62 municipalities  Estimates from CY05: Population: 1,039,955 Households: 439,407	<ul style="list-style-type: none"> <li>• Community and school outreach</li> <li>• Business outreach</li> <li>• Mercury handling and awareness training</li> <li>• Medical and dental outreach</li> <li>• Thermometer exchange</li> <li>• Community reimbursement</li> <li>• Thermostat collection via HVAC companies and community programs</li> <li>• School cleanouts</li> <li>• Universal waste sheds</li> <li>• Boatyard and marina collections</li> <li>• Appliance recycling</li> </ul>	<ul style="list-style-type: none"> <li>• 299,028 linear ft of fluorescent light tubes</li> <li>• 4,959 other lamps</li> <li>• 1,529 thermometers</li> <li>• 336 lab thermometers</li> <li>• 119 blood pressure cuffs</li> <li>• 2,354 thermostats</li> <li>• 1,192 electrical switches</li> <li>• 0 large switches</li> <li>• 2 float switches</li> <li>• 331 button cell battery</li> <li>• 7 barometers</li> <li>• Elemental mercury – 392 lbs (81.3% of total)</li> </ul> 482 pounds of mercury collected

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Company	Initiatives	Reported Results*
<b>Wheelabrator Millbury:</b>  36 municipalities served  Estimates from CY05: Population: 712,233 Households: 254,641	<ul style="list-style-type: none"> <li>• Ads in local newspapers – 6 / municipality</li> <li>• Local mercury collections, recycling and reimbursement</li> <li>• Thermometer exchange</li> <li>• Thermostat recovery – through local regulation in 24 of 36 municipalities</li> <li>• Thermostat reimbursement via plumbing supply businesses including bounty</li> <li>• Button cell battery collection and bounty</li> <li>• Bulk mercury collection</li> <li>• Fluorescent lamp collection and reimbursement in 29 or 36 municipalities</li> <li>• Universal waste sheds</li> </ul>	<ul style="list-style-type: none"> <li>• 121,322 linear ft of fluorescent light tubes</li> <li>• 2,134 other lamps</li> <li>• 2,274 thermometers</li> <li>• 156 lab thermometers</li> <li>• 3 blood pressure cuffs</li> <li>• 1,800 thermostats</li> <li>• 638 electrical switches</li> <li>• 55 large switches</li> <li>• 19,610 button cell batteries</li> <li>• 6 barometer</li> <li>• Elemental mercury – 166.6 lbs (80.8% of total)</li> </ul> 206.1 pounds of mercury collected

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Company	Initiatives	Reported Results*
<b>Wheelabrator North Andover:</b>  26 municipalities served  Estimates from CY05: Population: 641,437 Households: 230,456	<ul style="list-style-type: none"> <li>• Ads in local newspapers – 6 / municipality</li> <li>• Local mercury collections, recycling and reimbursement</li> <li>• Thermometer exchange</li> <li>• Thermostat recovery – through local regulation in 19 of 26 municipalities</li> <li>• Thermostat reimbursement via plumbing supply businesses including bounty</li> <li>• Button cell battery collection and bounty</li> <li>• Bulk mercury collection</li> <li>• Fluorescent lamp collection and reimbursement in 29 or 36 municipalities</li> <li>• Universal waste sheds</li> </ul>	<ul style="list-style-type: none"> <li>• 94,479 linear ft of fluorescent light tubes</li> <li>• 2,282 other lamps</li> <li>• 1,619 thermometers</li> <li>• 342 lab thermometers</li> <li>• 10 blood pressure cuffs</li> <li>• 1,116 thermostats</li> <li>• 22 electrical switches</li> <li>• 42 large switches</li> <li>• 13,676 button cell batteries</li> <li>• 4 barometers</li> <li>• Extra large switch – 20.9 lbs</li> <li>• Elemental mercury – 643.3 lbs (93.1% of total)</li> </ul> 691.1 pounds of mercury collected

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Company	Initiatives	Reported Results*
<b>Wheelabrator Saugus</b>  8 municipalities served  Estimates from CY05: Population: 335,249 Households: 127,178	<ul style="list-style-type: none"> <li>• Ads in local newspapers – 6 / municipality</li> <li>• Direct mailing to residents, annually</li> <li>• Local mercury collections, recycling and reimbursement</li> <li>• Thermometer exchange</li> <li>• Thermostat recovery – pushed via local regulation in all 8 municipalities</li> <li>• Thermostat recovery via plumbing supply businesses including bounty</li> <li>• School cleanouts</li> <li>• Button cell battery collection and bounty</li> <li>• Bulk mercury collection</li> <li>• Fluorescent lamp reimbursement</li> <li>• Universal waste sheds</li> </ul>	<ul style="list-style-type: none"> <li>• 27,212 linear ft of fluorescent light tubes</li> <li>• 229 other bulbs</li> <li>• 825 thermometers</li> <li>• 161 lab thermometers</li> <li>• 0 blood pressure cuffs</li> <li>• 325 thermostats</li> <li>• 22 electrical switches</li> <li>• 42 large switches</li> <li>• Extra large switch – 4 lbs</li> <li>• 8,659 button cell batteries</li> <li>• Elemental mercury – 25.2 lbs (65.5% of total)</li> </ul> 38.5 pounds of mercury collected